

**BOD5 LOG****Analysis Date:** 02/12/2020**QC BATCH ID:** LB107731**ANALYST:** Alexander**BOD Water:** WP82054**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP82055**Sodium Thiosulfate, 0.025N:** WP81413**GGA:** WP82056**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2644**Zero DO:** WP81261

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.4	8.4	8.6
WINKLER 2	WINKLER 2	2	300	8.4	17.2	8.8	8.6

Meter Calibration1 : 8.60

Zero DO Reading1 : 0.03 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.60

Zero DO Reading2 : 0.04 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB107731

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:35

TIME OUT: 10:45

DATE IN: 02/12/2020

DATE OUT: 02/17/2020

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB107731BL	1	No	6.0	N/A	21.40	300	8.58	8.39	0.19	0.19	0.19	
POLYSEED	1					10	8.46	4.58	3.88	0.78	0.73	
POLYSEED	2					15	8.34	2.93	5.41	0.72		
POLYSEED	3					20	8.24	1.36	6.88	0.69		
GGA	1					6	8.51	4.38	4.13	170	170	
GGA	2					6	8.51	4.23	4.28	177.5	177.5	
GGA	3					6	8.49	4.17	4.32	179.5	179.5	
L1015-01	1	No	6.8	N/A	20.50	5	8.47	8.25	-	0		
L1015-01	2					20	8.47	7.28	-	0		
L1015-01	3					50	8.46	7.06	-	0		
L1015-01	4					150	8.46	6.64	-	0		
L1015-01DUP	1	No	6.8	N/A	20.50	5	8.46	8.21	-	0		
L1015-01DUP	2					20	8.46	7.00	-	0		
L1015-01DUP	3					50	8.46	6.91	-	0		
L1015-01DUP	4					150	8.45	6.80	-	0		
L1508-02	1	No	6.8	N/A	20.20	0.5	8.46	5.60	2.86	1278	1057.5	
L1508-02	2					1	8.45	4.44	4.01	984		
L1508-02	3					2	8.45	1.65	6.8	910.5		
L1508-02	4					3	8.44	0.10	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

LB107731

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-2122020 WorkList ID : 136025 Department : Wet-Chemistry Date : 02-12-2020 09:10:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/13/2020	Water	L1015-01	BOD5	Cool 4 deg C	PSEG01	I63	PR-MANHOLE	02/11/2020	SM5210 B
02/14/2020	Water	L1508-02	BOD5	Cool 4 deg C	ARAM01	M11	COMP	02/12/2020	SM5210 B

Date/Time 2/12/2020 16:05
Received by: Am
Relinquished by: SDDate/Time 2/12/2020 16:40
Received by: SD
Relinquished by: Am